

ABSTRACT

A SCREENING METHOD FOR IDENTIFYING LIGANDS
FOR TARGET PROTEINS

A novel method for screening chemical compounds (test ligands) for potential pharmaceutical effectiveness is provided. The disclosed method identifies possible therapeutic test ligands by placing them in the presence of target proteins and determining their ability to increase or decrease the ratio of folded target protein to unfolded target protein. The present methods do not require that biochemical function of the target protein be known, nor that any other ligands be previously identified.